

IRD_id	req_key	source interface	destination interface	CCR	text
TRMM1010	—763	TRMM	ECS		The ECS systems at the LaRC DAAC shall ingest CERES Level 0 and quick-look data sets from SDPF.
TRMM1030	—506	TRMM	ECS		The SDPF Level 0 and quick-look data sets for CERES shall contain quality and accounting information.
TRMM1040	—507	TRMM	ECS		The SDPF Level 0 and quick-look data sets for CERES shall contain a detached SFDU header.
TRMM1050	—764	TRMM	ECS		SDPF shall send a notification to the ECS systems at the LaRC DAAC upon availability of CERES Level 0 production or quick-look data.
TRMM1060	—766	TRMM	ECS		The ECS systems at the LaRC DAAC shall, after notification by SDPF, retrieve CERES Level 0 production and quick-look data by an agreed-upon file transfer protocol.
TRMM1070*	—767	TRMM	ECS		The ECS systems at the LaRC DAAC shall ensure that CERES data has been received and validated.
TRMM1080	—768	ECS	TRMM		The ECS systems at the LaRC DAAC shall acknowledge successful receipt of a CERES data set to the SDPF.
TRMM1090	—769	ECS	TRMM		Upon the ECS systems at the LaRC DAAC discovering an unprocessable data set during validation, the ECS and SDPF personnel shall assess the need for regeneration.
TRMM1100	—770	TRMM	ECS		SDPF shall regenerate/reprocess CERES Level 0 data for the ECS systems at the LaRC DAAC, for recovery purposes, as negotiated in order to avoid impacting SDPF support for on-orbit spacecraft.
TRMM1110	—771	TRMM	ECS		SDPF shall provide a CERES Level 0 data set to the ECS systems at the LaRC DAAC once per day within 24 hours of the last acquisition session.
TRMM1120	—816	TRMM	ECS		The SDPF shall retain CERES Level 0 data sets for five (5) days.
TRMM1130	—772	TRMM	ECS		The ECS systems at the LaRC DAAC shall receive CERES

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					scheduled quick-look from SDPF 3 times per day plus occasional special quick-look data sets.
TRMM1140	—817	TRMM	ECS		A CERES quick-look data set shall contain data received during a single spacecraft contact.
TRMM1150	—773	TRMM	ECS		SDPF shall notify the ECS systems at the LaRC DAAC of availability of a CERES quick-look data set within 2 hours of the end of the acquisition session.
TRMM1160	—1285	ECS	TRMM	96-1232	CERES special quick-look data collection and processing shall be scheduled with SDPF by human interaction.
TRMM1170	—776	ECS	TRMM		Data collected and processed for CERES solar calibration shall be scheduled by human interaction.
TRMM1180	—521	TRMM	ECS		ECS shall be able to process SDPF Level 0 and quick-look data sets in SDPF-defined format.
TRMM1190	—818	TRMM	ECS		SDPF shall retain CERES raw data for 2 years.
TRMM1195	—885				SDPF shall send a notification to the ECS systems at the LaRC DAAC upon availability of predictive or definitive orbit data.
TRMM1200	—777	TRMM	ECS		The ECS systems at the LaRC DAAC shall ingest predicted orbit data from the SDPF.
TRMM1210	—1086	TRMM	ECS	96-0917B	The ECS systems at the LaRC DAAC shall ingest definitive orbit data from the SDPF.
TRMM1280	—531	TRMM	ECS		ECS shall be able to accept CERES simulated data from SDPF.
TRMM3050	—796	TRMM	ECS		The ECS systems at the MSFC DAAC shall ingest TRMM Ground Validation (GV) data products and associated metadata from TSDIS.
TRMM4010	—827	TRMM	ECS		The ECS systems at the GSFC DAAC shall ingest TRMM standard products (Level 1A - 3B) for VIRS from TSDIS.
TRMM4030	—805	TRMM	ECS		The ECS systems at the GSFC DAAC shall ingest TRMM browse products for VIRS from TSDIS.

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TRMM4040	-1286	TRMM	ECS	96-1232	The ECS systems at the GSFC DAAC shall ingest from TSDIS algorithms and documentation for VIRS.
TRMM4050	-1287	TRMM	ECS	96-1232	The VIRS data ingested from TSDIS by ECS shall be archived at the ECS systems at the GSFC DAAC.
TRMM4060	-1288	TRMM	ECS	96-1232	The ECS systems at the GSFC DAAC shall ingest TRMM data files and data products, including metadata, daily.
TRMM4070	-1289	TRMM	ECS	96-1232	TSDIS shall electronically provide a schedule of TRMM product delivery to the ECS systems at the GSFC DAAC.
TRMM4080	-1290	TRMM	ECS	96-1232	TSDIS shall electronically provide status information to the ECS systems at the GSFC DAAC about delayed products.
TRMM4090	-1317	ECS	TRMM	96-1343A	ECS shall make daily deliveries of an average of 2-days worth of archived TRMM VIRS, PR, TMI and GV, and ancillary data to TSDIS for the purpose of reprocessing by TSDIS. ECS shall also daily ingest an average of 2-days worth of reprocessed data from TSDIS.
TRMM4100	-1292	TRMM	ECS	96-1232	TSDIS shall make a standing order to ECS for ancillary data to be delivered from the ECS systems at the GSFC DAAC to TSDIS.
TRMM4101	-1062	TRMM	ECS	96-0917B	The ECS systems at the GSFC DAAC shall accept data orders placed on behalf of TSDIS Science Users (TSUs) by specifying TSDIS granule identifications.
TRMM4102	-1063	TRMM	ECS	96-0917B	The ECS systems at the GSFC DAAC shall accept requests from TSDIS for the status of data orders that TSDIS has placed.
TRMM4103	-1064	TRMM	ECS	96-0917B	ECS shall provide Level 0 Housekeeping data to TSDIS upon request.
TRMM4104	-1065	TRMM	ECS	96-0917B	The ECS systems at the GSFC DAAC shall provide FDF definitive/predictive ephemeris/orbit, held by LaRC for CERES, upon request.

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TRMM4110	-1318	ECS	TRMM	96-1343A	Communications between TSDIS and the ECS systems at the GSFC DAAC to transport the VIRS, PR,TMI, combined products and GV standard products, metadata, ancillary data, and algorithms and documentation shall be provided by ESDIS.
TRMM4130	-1319	ECS	TRMM	96-1343A	All data transferred between TSDIS and ECS systems at the GSFC DAAC,including GV shall follow ESDIS-defined standards, with specific product formats to be jointly agreed to and documented in ICDs.
TRMM5010	-1295	TRMM	ECS	96-1232	ECS shall ingest TRMM metadata, and browse from TSDIS along with the TRMM standard products in the ECS format.
TRMM5020	-590	TRMM	ECS		Availability of TRMM data products (PR, VIRS, TMI, and GV) shall be based on the TSDIS product schedule, and an electronic status mechanism shall be available for late products.
TRMM5030	-1296	TRMM	ECS	96-1232	ECS shall have the capability to ingest directory and guide information from TSDIS.
TRMM5040	-1320	ECS	TRMM	96-1343A	ECS shall have the capability to archive and distribute standard TRMM data files and products (including VIRS, PR,TMI,and combined products data, metadata, GV data, algorithms and documentation) as provided and produced by TSDIS and the TRMM Science Team.
TRMM5050	-1298	TRMM	ECS	96-1232	TRMM shall support maintenance of a TRMM user model for use in the overall ECS user model.
TRMM5060	-1321	ECS	TRMM	96-1343A	ECS shall provide standard information management functions for browse, and order of data and products provided by TSDIS and delivered to the MSFC and GSFC DAACs (including VIRS, PR, TMI, and combined products data, metadata,

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					GV data, TRMM Science Team algorithms and documentation).
TRMM5070	-1300	ECS	TRMM	96-1232	ECS will continue to archive original TRMM standard products (Level 1B-3) after reprocessing for 6 months, after which the products will become eligible for deletion.
TRMM5100	-1322	ECS	TRMM	96-1343A	ECS shall provide products status for TRMM products to users based upon ECS holdings.
TRMM8010	-1302	TRMM/ECS	ECS/TRMM	96-1232	TRMM shall manage, and ESDIS shall support, the TRMM end-to-end system testing of the interfaces between ECS and TRMM.
TRMM8020	-1303	ECS	TRMM	96-1232	ESDIS shall support testing, fault isolation, verification, and validation of the interfaces with the TRMM end-to-end ground system.
TRMM8030	-1304	TRMM	ECS	96-1232	The TRMM I&T Program shall develop an overall ground segment integration and test plans and procedures.
TRMM8031	-1305	ECS	TRMM	96-1232	ESDIS shall develop test plans and procedures in support of the development, verification and testing of the interfaces with the TRMM ground system.
TRMM8040	-1306	ECS	TRMM	96-1232	ESDIS shall support TRMM development of test plans and procedures in support of the development, verification and testing of the interfaces between with the TRMM ground system and ECS.
TRMM8050	-1307	TRMM	ECS	96-1232	The TSDIS elements shall support integration and test activities defined in the TRMM overall ground segment integration and test plans and procedures.
TRMM8060	-1077	ECS	TRMM	96-0917B	ECS shall archive and distribute TRMM test plans and procedures for the interface between ECS and the TRMM ground system including TSDIS.
TRMM8071	-1078	ECS	TRMM	96-0917B	ECS shall support all dataflows and archival and distribution functionality for integration and test with the TRMM ground system.
TRMM8080	-1080	ECS	TRMM	96-0917B	ECS shall support TRMM Mission Simulation #1.
TRMM8081	-1081	ECS	TRMM	96-0917B	ECS shall support TRMM Mission Simulation #2.
TRMM8090	-1082	ECS	TRMM	96-0917B	ECS shall archive and distribute TRMM algorithms and

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					documentation in support of test and integration of interfaces with TSDIS.
TRMM8100	-1083	TRMM	ECS	96-0917B	ECS shall process CERES Level 0 and quick-look data sets received from SDPF for early interface testing.
TRMM8110	-1084	TRMM	ECS	96-0917B	The TSDIS elements shall be capable of processing simulated TRMM instrument data in support of pre-launch checkout of the interfaces with ECS.
TRMM8120	-1085	TRMM	TRMM	96-0917B	ESDIS shall coordinate provision of CERES simulated instrument data and instrument data parameters to SDPF in support of integration and test.
TRMM8130	-1066	ECS	TRMM	96-0917B	SDPF shall support the TRMM ground system and ECS integration and test with Level 0 data and quick-look data sets produced from simulated data.
TRMM8150	-1067	ECS	TRMM	96-0917B	ECS shall support early dataflows and provide archival and distribution functionality in support of test driven from SDPF by simulated instrument data and including TSDIS sample products.
TRMM8160	-1068	ECS	ECS	96-0917B	ECS shall provide ancillary data for early interface testing.
TRMM8170	-1069	ECS	TRMM	96-0917B	During Integration and test and early operation of the TRMM Ground System, ECS shall support controlled distribution of TRMM data.
TRMM8180	-1070	ECS	TRMM	96-0917B	ECS shall distribute TRMM test products, algorithms and documentation to TST members and authorized users supporting TRMM end-to-end test.
TRMM8190	-1071	ECS	TRMM	96-0917B	The I&T testing of communications and networks shall not interfere with normal operations traffic.